

WATERSHED MGMT. COMMISSIONER

		DRINKI WATE	 ENGINEERING SERVICES	WASTEV TREATN COLLEC	MENT &		
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Mission Statement

The Department of Watershed Management is dedicated to providing clean, safe, affordable drinking water and best-in-class wastewater and stormwater collection and treatment services to City of Atlanta ratepayers, businesses and residents and to its wholesale customers.



	WBS#	Project Name	Project Manager	CIP Budget	Funded	UnFunded
	tewater				1.00	
		Overflow (CSO)	D. I. D	* 500.000	# 500,000	
1	05.04.003	Tanyard West Area Disinfection Facility	Paula Days	\$500,000	\$500,000	\$0
2	05.09.006	Greenway Acquistion - Land Acquisition	Susan Rutherford	\$25,000,000	\$25,000,000	\$0
3	05.09.007	Greenway Acquisition - Consultant Services	Susan Rutherford	\$7,033,912	\$7,033,912	\$0
4	05.13.001	West Area CSO Storage Tunnel and Pumping Station	George Barnes	\$241,749,138	\$180,394,756	\$61,354,382
5	05.14.001	Custer Avenue Storage & Dechlorination Facility	George Barnes	\$42,058,077	\$15,877,124	\$26,180,953
6	05.15.001	West Area CSO Treatment Plant	Paula Days	\$55,427,615	\$16,723,064	\$38,704,551
7	05.16.001	Intrenchment Creek CSO Treatment Plant	Paula Days	\$34,686,000	\$19,731,226	\$14,954,774
8	05.17.400	Greensferry Combined Sewer Separation	Lancelot Clark	\$113,196,138	\$78,399,653	\$34,796,485
9	05.18.100	McDaniel Combined Sewer Separation	Dan Walling	\$109,023,504	\$59,416,874	\$49,606,630
10	05.18.201	Stockade Combined Sewer Separation - Phase 2	Lancelot Clark	\$89,873,253	\$54,031,482	\$35,841,771
11	05.19.001	CSO Dechlorination West	Paula Days	\$5,516,787	\$5,516,787	\$0
12	05.25.001	Intrenchment Creek WRC Capacity Expansion	George Barnes	\$6,500,000	\$0	\$6,500,000
13	05.96.001	CSO Cost Sharing Projects	Lowell Chambers	\$21,300,000	\$0	\$21,300,000
14	05.97.001	CSO Interim Relief Projects	Lowell Chambers	\$50,000,000	\$0	\$50,000,000
15	08.01.092	CSO Program Management Services	Robert Hunter	\$7,024,936	\$7,024,936	\$0
		Subtotal - Combine	d Sewer Overflow (CSO)	\$808,889,360	\$469,649,814	\$339,239,546
San	itary Sewer	Overflow (SSO)				
16	03.06.903	Pump Station 2003 Improvements (BR, PL, PA, RF)	John Reinhard	\$8,807,600	\$475,600	\$8,332,000
17	04.01.001	Woodward Way/Northside Sewer Improvement	Alan Stillwell	\$246,000	\$246,000	\$0
18	04.16.200	Sewer Group 1 - Rehabilitation	Lowell Chambers	\$125,182,000	\$1,631,000	\$123,551,000
19	04.16.356	Fulton County Camp Creek Reserve Capacity	Robert Hunter	\$12,209,505	\$0	\$12,209,505
20	04.16.357	Camp Creek Outfall Capacity Relief - Phase 1 (Princeton Lakes)	Lowell Chambers	\$1,375,000	\$1,375,000	\$0
21	04.17.001	Sewer Group 2 -SSES Contract A	Lowell Chambers	\$5,791,257	\$5,791,257	\$0
22	04.17.002	Sewer Group 2 - SSES Contract B	Lowell Chambers	\$11,176,485	\$11,176,485	\$0
23	04.17.004	Sewer Group 2 - SSES Contract D	Lowell Chambers	\$10,514,003	\$10,514,003	\$0
24	04.17.200	Sewer Group 2 - Rehabilitation	Lowell Chambers	\$128,864,000	\$0	\$128,864,000
25	04.17.320	Riverside Outfall Capacity Relief	Lowell Chambers	\$7,683,000	\$0	\$7,683,000
26	04.18.001	Sewer Group 3 - SSES Contract A	Lowell Chambers	\$4,646,250	\$0	\$4,646,250
27	04.18.002	Sewer Group 3 - SSES Contract B	Lowell Chambers	\$4,646,250	\$0	\$4,646,250
28	04.18.003	Sewer Group 3 - SSES Contract C	Lowell Chambers	\$4,646,250	\$0	\$4,646,250
29	04.18.004	Sewer Group 3 - SSES Contract D	Lowell Chambers	\$4,646,250	\$0	\$4,646,250
30	04.18.200	Sewer Group 3 - Rehabilitation	Lowell Chambers	\$82,728,000	\$0	\$82,728,000
31	04.19.001	Sewer Group 4 - SSES Contract A	Lowell Chambers	\$4,089,750	\$0	\$4,089,750
32	04.19.002	Sewer Group 4 - SSES Contract B	Lowell Chambers	\$4,089,750	\$0	\$4,089,750
33	04.19.003	Sewer Group 4 - SSES Contract C	Lowell Chambers	\$4,089,750	\$0	\$4,089,750
34	04.19.004	Sewer Group 4 - SSES Contract D	Lowell Chambers	\$4,089,750	\$0	\$4,089,750
35	04.19.200	Sewer Group 4 - Rehabilitation	Lowell Chambers	\$69,768,000	\$0	\$69,768,000
36	04.20.001	·	Lowell Chambers	\$5,328,000	\$0	\$5,328,000
37			Lowell Chambers	\$3,600,000	\$0	\$3,600,000
38		•	Lowell Chambers	\$3,600,000	\$0	\$3,600,000
39			Lowell Chambers	\$3,600,000	\$0	\$3,600,000
40		•	Lowell Chambers	\$55,944,000	\$0	\$55,944,000
41			Lowell Chambers	\$4,884,000	\$0	\$4,884,000
41			Lowell Chambers	\$3,300,000	\$0	\$3,300,000
			Lowell Chambers	\$3,300,000	\$0	\$3,300,000
43	04.21.003	Sewer Group 6 - SSES Contract C	Lowell Chambels	ψ3,300,000	ΨΟ	ψυ,υυυ,υυι

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	WBS#	Project Name	Project Manager	CIP Budget	Funded	UnFunded
44	04.21.004	Sewer Group 6 - SSES Contract D	Lowell Chambers	\$3,300,000	\$0	\$3,300,000
45	04.21.200	Sewer Group 6 - Rehabilitation	Lowell Chambers	\$51,408,000	\$0	\$51,408,000
46	04.23.001	Sewer Group (1R) - Camp Creek Basin	Lancelot Clark	\$3,330,000	\$0	\$3,330,000
47	04.23.060	Sewer Group (2R) - Sandy Creek Basin	Lancelot Clark	\$11,719,000	\$0	\$11,719,000
48	04.23.100	Sewer Group (3R) - Proctor Creek Basin	Lancelot Clark	\$17,266,000	\$0	\$17,266,000
49	04.23.101	Sewer Group (3R) - Proctor Creek Diversion Structure	Lancelot Clark	\$1,666,000	\$1,666,000	\$0
50	04.23.150	Sewer Group (3R) - South River Basin	Lancelot Clark	\$66,586,000	\$0	\$66,586,000
51	04.23.200	Sewer Group (4R) - Long Island Basin	Lancelot Clark	\$3,295,000	\$0	\$3,295,000
52	04.23.250	Sewer Group (4R) - Sugar Creek Basin	Lancelot Clark	\$36,848,000	\$0	\$36,848,000
53	04.23.300	Sewer Group (5R) - Nancy Creek Basin	Lancelot Clark	\$5,496,000	\$0	\$5,496,000
54	04.23.350	Sewer Group (5R) - Peachtree Creek Basin	Lancelot Clark	\$56,758,000	\$0	\$56,758,000
55	04.23.351	Sewer Group (5R) - Peachtree Creek Relief Siphon	Lowell Chambers	\$221,438	\$221,438	\$0
56	04.23.400	Sewer Group (6R) - Clear Creek CSO Basin	Lancelot Clark	\$69,840,000	\$0	\$69,840,000
57	04.23.450	Sewer Group (6R) - Custer Ave CSO Basin	Lancelot Clark	\$60,100,000	\$0	\$60,100,000
58	04.23.500	Sewer Group (6R) - North Ave CSO Basin	Lancelot Clark	\$46,560,000	\$0	\$46,560,000
59	04.23.550	Sewer Group (6R) - Tanyard Ave CSO Basin	Lancelot Clark	\$60,100,000	\$0	\$60,100,000
60	04.23.600	Sewer Group (6R) - Utoy Creek Basin	Lancelot Clark	\$82,136,000	\$0	\$82,136,000
61	04.26.001	Nancy Creek Tunnel	Ade Abon	\$149,895,910	\$149,895,910	\$0
62	04.26.002	Nancy Creek Pump Station Phase 2	Rosemary Carswell	\$32,250,444	\$32,250,444	\$0
63	04.96.001	SSO - Cost Sharing Relief Projects	Lowell Chambers	\$10,956,420	\$0	\$10,956,420
64	05.92.004	Rock and Vine Streets Sewer Project	George Barnes	\$49,116,000	\$12,320,000	\$36,796,000
65	05.92.006	Boulevard Trunk Outflow Management	Lancelot Clark	\$675,000	\$0	\$675,000
66	05.94.002	Butler Street/Highland Ave Trunk Relief Phase II & III	George Barnes	\$85,714,000	\$0	\$85,714,000
67	05.95.001	Inman Park Relief Sewer and Improvement	Lancelot Clark	\$1,510,000	\$1,510,000	\$0
68	08.01.001	Small Diameter Sewer Rehabilitation - Annual Contract	Lowell Chambers	\$25,970,960	\$25,970,960	\$0
69	08.01.002	Large Diameter Sewer Rehabilitation - Annual Contract	Lowell Chambers	\$39,270,000	\$0	\$39,270,000
70	08.01.003	Large Diameter Clean, Find and Fix Contract - Annual Contract	Lowell Chambers	\$42,000,000	\$0	\$42,000,000
71	08.01.003	Flow Monitoring and Inspections	Lancelot Clark	\$11,330,762	\$2,250,762	\$9,080,000
72	08.01.004	Pipeline Assessment, CCTV Inspection and Cleaning - Annual	Lowell Chambers	\$17,250,000	\$0	\$17,250,000
70	00.04.007	Contract ROW Clearing - Annual Contract	Lowell Chambers	\$6,050,000	\$0	\$6,050,000
73 74	08.01.007 08.01.018	Small Diameter Sewer Rehabilitation: Pipe Bursting - Annual	ESWON STIGHTSON	\$27,794,060	\$0	\$27,794,060
		Contract	Lowell Chambers	\$27,794,060	\$0	\$27,794,060
75 	08.01.019		Robert Hunter	\$60,546,517	\$16,391,517	\$44,155,000
76	08.01.091	Program Management Services (SSO)	Joe Basista	\$28,908,000	\$0	\$28,908,000
77	08.01.093	Supplemental Program Management Services	Marcia Hurd-Wade	\$2,060,000	\$741,900	\$1,318,100
78	08.99.001	Construction Management Services	Jerri Russell	\$83,000	\$83,000	\$0
79	09.02.904		Calculation	\$62,569,654	\$0	\$62,569,654
80	99.02.006					
_		Subtotal - Sanitary	Sewer Overflow (SSO)	\$1,841,219,075	\$274,511,276	\$1,566,707,799
Re	gulatory/Co	ntract Compliance				04.400.000
81	02.14.040	South River Energy System Reliability Improvements	David Winters	\$1,100,000	\$0	\$1,100,000
82	02.17.900	RM Clayton - Compliance Upgrades	Rob Bush	\$26,023,153	\$2,115,153	\$23,908,000
83	02.17.940	RM Clayton - Grit Removal	Rob Bush	\$4,848,219	\$748,219	\$4,100,000
84	02.18.900	South River - Clarifier Upgrades	Paula Days	\$3,862,400	\$3,862,400	\$0
85	02.18.910	South River WRC Primary Clarifier Replacement	John Waddington	\$1,750,000	\$0	\$1,750,000
86	02.20.902	Intrenchment Creek WRC General Improvements	Paula Days	\$811,962	\$748,246	\$63,716
87	7 03.05.002	Flint River Pump Station Replacement	John Reinhard	\$14,850,000	\$0	\$14,850,000
88	3 05.28.00°	Watershed Master Plan	Jerri Russell	\$3,500,000	\$3,500,000	\$0
89	9 07.03.00°	Watershed Monitoring Program	Tracy Hillick	\$8,583,000	\$6,262,250	\$2,320,750
9	07.79.00	Bio-Solids Management Services	Rob Bush	\$39,069,919	\$37,048,674	\$2,021,245
9	1 09.02.90	Flint River Force Main Phase I	Paula Days	\$8,612,522	\$1,352,023	\$7,260,499
9	2 09.02.90	2 Flint River Force Main Phase II	Paula Days	\$3,175,304	\$315,304	\$2,860,000

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	WBS#	Project Name	Project Manager	CIP Budget	Funded	UnFunded
93	09.02.903	Flint River Force Main Phase III	Paula Days	\$12,000,000	\$0	\$12,000,000
94	99.02.007	Reserve for Appropriations - Regulatory or Contract Compliance	Calculation	\$4,207,000	\$0	\$4,207,000
		Subtotal - Reg	ulatory/Contract Compliance	\$132,393,479	\$55,952,269	\$76,441,210
Syst	em Renewal	Operational Reliability				
95	02.15.004	Utoy Creek - Maintenance Building Improvements	Marcia Hurd-Wade	\$1,962,000	\$0	\$1,962,000
96	02.17.020	RM Clayton - Landscaping Improvements	Bill Brigham	\$2,836,000	\$2,836,000	\$0
97	02.17.050	RM Clayton - Primary Area Upgrades	Rob Bush	\$5,412,555	\$1,772,366	\$3,640,189
98	02.18.901	South River - Small Capital Projects	John Waddington	\$4,622,150	\$0	\$4,622,150
99	02.18.903	South River WRC Effluent Pumping Station Upgrade	John Waddington	\$1,750,000	\$0	\$1,750,000
100	02.18.904	South River - Upgrade of Solids Handling at Headworks	John Waddington	\$877,000	\$877,000	\$0
101	02.19.004	Utoy Creek - Small Capital Projects	David Winters	\$2,070,000	\$0	\$2,070,000
102	02.20.900	Intrenchment Creek - Small Capital Projects	Paula Days	\$1,677,000	\$0	\$1,677,000
103	03.03.050	Small PS Upgrades (Highlands, Niskey Lake 1 & 2, and Cascade Road)	John Reinhard	\$2,931,000	\$0	\$2,931,000
104	03.06.905	Pump Station - Bar Screen Replacement (BR & PL)	David Winters	\$2,000,000	\$0	\$2,000,000
105	05.96.008	AHA Aquarium - CSO Separation	Lancelot Clark	\$1,580,000	\$1,580,000	\$0
106	05.96.009	AHA - Perry Off-Site Redevelopment	Robert Hunter	\$3,900,000	\$0	\$3,900,000
107	05.96.011	AHA - Harris Redevelopment - Phase 2a	Robert Hunter	\$3,290,185	\$3,290,185	\$0
108	05.96.012	AHA - Harris Redevelopment - Phase 2b	Robert Hunter	\$3,965,300	\$3,965,300	\$0
109	05.96.013	AHA - Harris Redevelopment Phase 3	Joe Basista	\$654,000	\$0	\$654,000
110	05.96.014	AHA - Capital Redevelopment Phase 1	Joe Basista	\$1,333,958	\$1,333,958	\$0
111	05.96.015	AHA - Capital Redevelopment Phase 2	Joe Basista	\$4,035,412	\$4,035,412	\$0
112	05.96.016	AHA - Capital Redevelopment Phase 3	Joe Basista	\$1,500,000	\$0	\$1,500,000
113	05.96.017	AHA - Grady Redevelopment Phase 1	Joe Basista	\$5,800,000	\$0	\$5,800,000
114	05.96.018	AHA - Grady Redevelopment Phase 2	Joe Basista	\$911,698	\$0	\$911,698
115	05.96.019	AHA - McDaniel Glenn Homes Phase 1	Joe Basista	\$1,950,000	\$0	\$1,950,000
116	07.05.003	DWM Administration and Maintenance Building (University)	George Barnes	\$32,500,000	\$772,379	\$31,727,621
117	07.05.008	Temporary Field Office Facilities	Russ McKern	\$995,000	\$0	\$995,000
118	07.06.001	Document Management System - Feasibility Study	Keith Toomer	\$496,432	\$496,432	\$0
119	08.01.012	Sanitary Sewers Repair - Annual Contract	Lowell Chambers	\$55,000,000	\$16,000,000	\$39,000,000
120	08.01.013	Repair and Replace Roofing - Annual Contract	John Reinhard	\$2,200,000	\$0	\$2,200,000
121	08.04.008	Surveying and Mapping Services - Annual Contract	Lancelot Clark	\$0		
122	99.02.008	Reserve for Appropriations - System Renewal or Operational Reliability	Calculation	\$17,678,346	\$13,750,346	\$3,928,000
		Subtotal - System R	enewal/Operational Reliability	\$163,928,036	\$50,709,378	\$113,218,658
			Subtotal - Wastewater	\$2,946,429,950	\$850,822,737	\$2,095,607,213
Wa	ter					
Co	nsent Decre	e (Water)				
123	3 08.04.011	Civil Engineering & Field Inspection Services	Dan Walling	\$1,500,000	\$1,500,000	\$0
124	98.02.034	Hemphill & Chattahoochee WTP Improvements	Daniel Shaw	\$33,128,550	\$33,128,550	\$0
125	5 98.03.011	Fairburn Road Pump Station & Water Mains	Samir Haidari	\$28,592,903	\$3,708,903	\$24,884,000
126	98.03.013	Koweta Road Pump Station & Water Mains	Samir Haidari	\$44,525,000	\$2,515,000	\$42,010,000
127	7 98.08.028	Northside & Adamsville Pump Station - I&C and Electrical Renovations	Lee Hunt	\$2,648,020	\$2,648,020	\$0
128	8 98.08.029		Daniel Shaw	\$4,022,893	\$4,022,893	\$0
129	9 98.08.033	River Intake Erosion Control Improvements	Daniel Shaw	\$11,189,917	\$11,189,917	\$0
130	98.99.001	Reserve for Appropriations - Water Consent Order	Calculation	\$4,402,000	\$0	\$4,402,000
		Sub	total - Consent Decree (Water)	\$130,009,283	\$58,713,283	\$71,296,000
Re	gulatory/ Co	ontract Compliance				
13	1 08.02.005	New Water Meter Installation - Small Meter - Annual Contract	Peter Tinubu	\$69,000,000	\$9,000,000	\$60,000,000
13	2 08.02.009	Back Flow Preventors/Flowmeters - Annual Contract	Lee Hunt	\$1,263,000	\$0	\$1,263,000
13	3 98.02.951	North Area Treatment Plant - Phase 2.5	Lee Hunt	\$33,500,000	\$33,500,000	\$0
13	4 98.03.017	Hemphill Finished Water Pump Station Upgrade - Design Phase	Daniel Shaw	\$16,883,767	\$0	\$16,883,767

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	WBS#	Project Name	Project Manager	CIP Budget	Funded	UnFunded
135	98.08.034	Water Tank Painting & Structural Repair	Reza Bavani	\$4,763,000	\$0	\$4,763,000
136	98.08.039	Soil Remediation & Site Closure	Samir Haidari	\$1,153,700	\$88,700	\$1,065,000
137	98.08.047	Homeland Security	Marie Shadden	\$28,200,000	\$676,878	\$27,523,122
138	98.99.003	Reserve for Appropriations - Regulatory or Contract Compliance	Calculation	\$6,385,000	\$0	\$6,385,000
		Subtotal - Regulatory	/ Contract Compliance	\$161,148,467	\$43,265,578	\$117,882,889
Syste	em Renewal	/ Operational Reliability				
139	07.05.009	Bellwood Quarry	George Barnes	\$18,500,000	\$0	\$18,500,000
140	08.01.010	Raising Valve & Manhole Covers	Lee Hunt	\$683,800	\$683,800	\$0
141	08.02.001	Water Meter Replacement & Automated Meter Reading	Lee Hunt	\$39,000,000	\$0	\$39,000,000
142	08.02.002	Valve, Pipe, and Fire Hydrant Repairs/Replacements	Lee Hunt	\$0		
143	08.02.003	Testing and Analysis of Large Water Meters	Ken Kvasnicka	\$500,000	\$500,000	\$0
144	08.02.004	Repair and Replacement of Large Water Meters	Ken Kvasnicka	\$3,800,964	\$2,300,964	\$1,500,000
145	08.02.010	Pipe Laying - Annual Contract	Lee Hunt	\$56,510,000	\$37,610,000	\$18,900,000
146	08.03.005	Facility Roof Improvements	Reza Bavani	\$800,000	\$0	\$800,000
147	08.04.012	Customer Billing and Information System	Melinda Langston	\$7,386,685	\$7,386,685	\$0
148	98.02.042	Hemphill WTP Clearwells	Daniel Shaw	\$1,669,630	\$419,630	\$1,250,000
149	98.02.048	Chattahoochee & Hemphill Water Treatment Plants (WTPs) - On Site Sodium Hypochlorite Generation	Danny Friend	\$8,000,000	\$0	\$8,000,000
150	98.03.009	Adamsville Pump Station & Main Improvements	Reza Bavani	\$32,607,189	\$2,227,189	\$30,380,000
151	98.04.003	Transmission Main - Hemphill South	Peter Tinubu	\$85,260,335	\$3,629,211	\$81,631,124
152	98.04.007	Raw Water Transmission Mains	Lancelot Clark	\$49,578,000	\$732,400	\$48,845,600
153		Sludge Belt Presses	Rob Bush	\$8,525,000	\$0 \$0	\$8,525,000
154		North Area Main Improvements	Peter Tinubu	\$38,050,000	\$0 \$703.400	\$38,050,000
155		Distribution System Hydraulic Model Update	Peter Tinubu	\$793,400	\$793,400 \$5,700,074	\$0
156	98.04.030	Water Main Replacement - Virginia Highlands	Peter Tinubu	\$25,650,369	\$5,790,074 \$1,410,042	\$19,860,295
157 158		Water Main Replacement - GA Tech Midtown and Bedford Pines Area Emergency: Water Main Replacement and Building Repair along	Peter Tinubu Richard Parker	\$30,654,942 \$3,585	\$1,419,942 \$3,585	\$29,235,000 \$0
	00.01.010	Peachtree Rd				
159	98.04.101	English Avenue, Vine City, Bankhead Water Main Replacement	Peter Tinubu	\$21,005,448	\$0	\$21,005,448
160		Program	Peter Tinubu Peter Tinubu	\$20,943,369 \$11,958,582	\$0 \$0	\$20,943,369 \$11,958,582
161	98.04.103	Park Area				
162	98.04.104	Water Main Replacement Program: Edgewood-Kirkwood-Sumerhill Area	Peter Tinubu	\$29,188,512	\$0	\$29,188,512
163	98.04.105	Water Main Replacement Program: Capital View and Lakewood Heights Area	Peter Tinubu	\$26,852,696	\$0	\$26,852,696
164	98.04.106	Water Main Replacement Program: Cascade Heights and Florida Heights	Peter Tinubu	\$23,334,397	\$0	\$23,334,397
165	98.05.003	Downtown Elevated Storage Tanks	Lee Hunt	\$3,451,000	\$0	\$3,451,000
166	98.08.024	South-West Main Improvements	Peter Tinubu	\$36,553,387	\$1,949,970	\$34,603,417
167	98.08.031	Water Laboratory & Water Works Lodge Renovation	Reza Bavani	\$5,788,226	\$512,226	\$5,276,000
168	98.08.037	Automation of Hemphill & Chattahoochee Treatment Plants	Roger Smith	\$15,000,000	\$980,000	\$14,020,000
169	98.08.038	B Electrical Switchgear Replacement	Lee Hunt	\$1,698,826	\$166,826	\$1,532,000
170	98.08.041	Chattahoochee Plant Various Improvements	Daniel Shaw	\$8,240,000	\$774,128	\$7,465,872
17	1 98.08.042		Daniel Shaw	\$6,792,041	\$247,041	\$6,545,000
172	2 98.08.045	5 Asset Management System	Peter Tinubu	\$437,274	\$437,274	\$0
173	3 98.08.048		Samir Haidari	\$3,884,000	\$0	\$3,884,000
174	4 98.08.049		Peter Tinubu	\$3,484,570	\$3,484,570	\$0
17	5 98.10.001		Reza Bavani	\$2,000,000	\$0	\$2,000,000
17	6 98.99.002	2 Reserve for Appropriations - System Renewal or Operational Reliability	Calculation	\$20,222,415	\$0	\$20,222,415
		Subtotal - System Renewal	I/ Operational Reliability	\$648,808,642	\$72,048,915	\$576,759,727
	_		Subtotal - Water	\$939,966,392	\$174,027,776	\$765,938,616
		Grand Total		\$3,886,396,342	\$1,024,850,513	\$2,861,545,829

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500,000

Revenue Bond

500,000

To Date 25,000,000

Source of Funds

Revenue Bond

2007

2006

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2010

2011-16

Total

25,000,000

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DE	PARTMENT OF WA	TERSHED MANAGEI	MENT PROJECT F	ACT SHEET			WBS N	JMBER: 05	.13.001
P	roject Manager	George Barnes					SPE		3′
Р	roject Name	West Area CSO Storag	e Tunnel and Pumpi	ng Station			S Allama Ro	River Intake	Nancy Creek Raw Water PS
Р	rogram	Combined Sewer Overf	low (CSO)				Challahoo	CSO T	rea @ R Nancy Creek
	escription	This project is a major of Measures Plan. The C capture and treatment of Creek, and North Avenue Connecting tunnels, Tal North Avenue Connect mainline tunnel from the construction shafts, which range from concrete lined where no concrete lining, although that. The project include approximately 170 ft design of the construction shafts.		aolion Rd NW Roman Ram					
	Sponsor (Lead)	City of Atlanta							
	Council Districts	2, 3, 4, 6, 7, 8, 9						- La	
1	NPUs	A, C, D, E, G, J, K, L,	Γ						
1	Length in Feet			Consent Decree		Yes	10.6		
:	Start Date	0.	4/02/2001 E	Ind Date	1	1/07/2007			
	Cost Estimate	\$24	1,7 10,100	Estimated By			fl		, e
	Total Funded	\$18	0,394,756	Total UnFunded	\$6	31,354,382			
1 1 1 5 5 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5	Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	atory Compliance		ajor element of the refir Consent Decree (Para ember 7, 2007.					
C o s	Phase Land (571001) Easements(572001) Buildings (573001) Facilities (574001) Consultant (524001)	Phase Co 4,329,96 210,231,00 27,188,1	63 Local 0 Local 0 Local 00 Local	Funding Revenue Bond Revenue Bond Revenue Bond Revenue Bond Revenue Bond	Year	Phase%	Amount	Acct	#/Funder ID
	Source of Funds Revenue Bond	To Da t 180,394,75	e 2006	2007	2008 0	2009 0	2010 0	2011-16 0	Total 241,749,138

Revenue Bond

C o s t

DEPARTMENT OF WA	ATERSHED MANAGEM	ENT PROJEC	T FACT SHEET			WBS NUMBER: 0	
Project Manager	Paula Days						¥ ¥ ¥1 €2 €2 €2 €2 €2 €2 €2 €2 €2 €2 €2 €2 €2
Project Name	West Area CSO Treatme	ent Plant				West	US HWY
Program	Combined Sewer Overflo	ow (CSO)				West CSO Tunnel	33 (851)
Description	The purpose of this proje from the North Avenue, T the West Area CSO Stor Authorized CSO Remedi the facility is a new 85-M Chattahoochee Steam P treatment processes res screening, grit and solids hypochlorite disinfection	Fanyard, and Cleage Tunnel. The last Measures Place I Measures Place I Measures Place I Measures The Value I Measures Tent (adjacent to last I Measures I	ear Creek CSO facilitie is project is a compone an. As a refinement to lant which will be locat b the RM Clayton WRC /alue Engineering anal ortex separators, high-	SIMPSON RONV			
Sponsor (Lead)	City of Atlanta						3.000
Council Districts	8, 9						
NPUs	A, C, D					n m	4.1
Length in Feet			Consent Decree		Yes		
Start Date	09	/13/2001	End Date	1	0/15/2007	City of A	tlanta
Cost Estimate	\$55	,427,615	Estimated By			Departme	
Total Funded		,723,064	Total UnFunded	\$3	8,704,551	Watershed Mai Protecting Our	nagement Future
Employee Health & Consent Order/Regicustomer Service Service Capacity Service Reliability/R Cost Savings/Reverother	ulatory Compliance	required under	a major element of the the Consent Decree (f October 15, 2007.	refined Authorized CSO Paragraphs VII.A.2. and	Remedial N	Measures Plan and is oject must be substantially	

Phase	Phase Cost	Level	Funding	Year	Phase%	Amoun	t Acc	t #/Funder ID
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	48,697,615	Local	Revenue Bond					
Consultant (524001)	6,730,000	Local	Revenue Bond					
Source of Funds Revenue Bond	To Date 16,723,064	2006 38,704,551	2007 0	2008 0	2009 0	2010 0	2011-16 0	Total 55,427,615

0

14,954,774

19,731,226

Revenue Bond

34,686,000

							>	ź
Project Manager	Lancelot Clark						ST NW	NUT ST N
Project Name	Greensferry Combined	Sewer Separation					S S S S S S S S S S S S S S S S S S S	SHESTA SHESTA
Program	Combined Sewer Overfl	low (CSO)				Greer	nsferry CSC	Basin FAIR ST SW
	The purpose of the sew combined sewers into s CSO basin. By separat the West Area CSO is n a component of the refin Measures Plan. The sewer separation p 58,000 feet of combined diameter new sanitary sones without. The projedesign and cleaning sed decommissioning the G	separate sanitary sew ting the sewers, the s reduced, and a CSO ned Authorized CSO portion of the project of d sewers into separates sewers, and change of ect includes video insigners as needed to vi	vers and storm sewers size of the combined se facility can be eliminate. Remedial consists of separating the storm and predominout any storm inlets the spection of combined seideo inspect. This projection of the combined seideo inspect. This projection of the combined seideo inspect.	in the Greensferry ewage storage for ed. This project is approximately nately 8-in at have traps into ewers prior to	[]	VESTVIEW DR SW	1995 (1999) 1995 (\$ 10 miles
	This sewer separation pold water lines, hydrant replacement program the			~~~~ <u>}</u>				
Sponsor (Lead)	City of Atlanta				River Long Island	d CreekNancy Cr	reek	
Council Districts	2, 3, 4, 9, 10, 12						Just 1	B
NPUs	I, J, K, L, M, S, T, V, X					1	G Peachtree C	Geek 7
Length in Feet		с	onsent Decree		Yes	Sandy Creek Proj	Thom Alenta Seenstern	Sugar Creek
Start Date	10	0/01/2001 E	nd Date		09/27/2007	Die.	Custer net reek spanieli. S	Avenue Heeri chiment Creek
Cost Estimate	\$113	3,196,138 E	stimated By			Camp Creek	E. 1	River Z
Total Funded	\$78	8,399,653 Te	otal UnFunded	\$	34,796,485	[_5"	<u>\</u>	
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenue Other	atory Compliance sk/Security	Plan and is required substantially complement of the water line replaces the sign life for reliable when they fail. The	ion project is a major end under the Consent Deleted by September 27 acement is required be ble water distribution, in the replacement is being twice with significant distribution.	Decree (Paragraphs 7, 2007. Decause the lines be including fire protect performed with the	s VII.A.2. and eing replaced ction, and reques sewer sepa	are quite old, be uire emergency uration to avoid or	t must be yond their repairs oming into	
Phase Land (571001) Easements(572001) Buildings (573001) Facilities (574001) Consultant (524001)	Phase Cos 1,000,00 1,305,00 101,934,75 8,956,38	DO Local DO Local DO Local Local Local	Funding Revenue Bond Revenue Bond Revenue Bond Revenue Bond Revenue Bond	Year	Phase%	Amount	Acct	#/Funder ID
Source of Funds Revenue Bond	To Dat 78,399,65		2007 0	2008 0	2009 0	2010 0	2011-16 0	Total 113,196,138

Consultant (524001)

Source of Funds Revenue Bond

					7	17/ \ 1//\\X
Project Manager	Dan Walling					
Project Name	McDaniel Combined Se	wer Separation			7E HWY 139 5 3 3	MOR STS
Program	Combined Sewer Overf	low (CSO)			ASHBY ASHBY ASBBR	
Description	combined sewers into s CSO basin. By separat the East Area CSO is re a component of the refii The sewer separation p 55,000 feet of combined diameter new sanitary s ones without. The proje design and cleaning se decommissioning the M	ting the sewers, the duced, and a CS ned Authorized Coortion of the project sewers into separate video wers as needed to de CD aniel CSO factes replacement of the sewers as needed to decome the coortion of the project includes video wers as needed to decome the coortion of the project includes video wers as needed to decome the coortion of the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of the project includes video were as needed to decome the coortion of	rtion of this project is to se sewers and storm sewers he size of the combined second facility can be eliminated as the constant of the consta	We consider the constant of th	Intel CSO Basilia and any Young to State of the San Young to San Young	
Sponsor (Lead)	City of Atlanta					
Council Districts	1, 2, 3, 4, 5, 12					State A state META PAINS MAD TO PERSON TO STATE TO PERSON TO STA
NPUs	K, L, M, S, T, V, X, Y					8500
Length in Feet			Consent Decree	Yes	i Name	
Start Date	10	0/01/2001	End Date	09/01/2007		
Cost Estimate		9,023,504	Estimated By			AND IN THE
Total Funded	\$59	9,416,874	Total UnFunded	\$49,606,630	Mayor Shirley Franklin breaks ground to	for the McDaniet's Sewer Separation with eity officials.
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	atory Compliance	Remedial Meas The project mus The water line r design life for re when they fail.	sures Plan and is required st be completed by Septer replacement is required be eliable water distribution, in The replacement is being	ect is a major element of the reunder the Consent Decree (Pmber 1, 2007. Recause the lines being replace including fire protection, and reperformed with the sewer separation and the extra cost for	ed are quite old, beyond equire emergency repairs entering to the control of the	d 5.). d their airs ng into
Phase Land (571001) Easements(572001) Buildings (573001) Facilities (574001) Consultant (524001)	Phase Cos 6,000,00 1,545,00 93,324,09 8,154,41	00 Local 00 Local 0 Local 01 Local	Funding Revenue Bond Revenue Bond Revenue Bond Revenue Bond Revenue Bond	Year Phase%	Amount	Acct #/Funder ID

2006 49,606,630

To Date 59,416,874

2007 0

2008 0

2009 0

2010 0

2011-16 0

Total 109,023,504

Revenue Bond

5,516,787

636,000

5,757,000

107,000

Revenue Bond

6,500,000

DEPARTMENT OF WA	TEROTIES III/III/IOEIII						BER: 05.96.001		
Project Manager	Lowell Chambers								
Project Name	CSO Cost Sharing Project	ts							
Program	Combined Sewer Overfloo	w (CSO)							
·	These projects will addres Basins that are expected in capacity limited basins. project that is needed, wit perhaps building the large projects required by the F preliminary designs with a five-year storm.	to be required to The cost esting the the developed or project. The First Amended C	by developers to proceed nates represent the City's r funding its portion of the overall cost estimate for co- consent Decree was estate	with development share of a larger project and apacity relief blished based on		Entire Service Ares			
							7		
Sponsor (Lead)	City of Atlanta					han Man			
Council Districts	1, 2, 3, 4, 5, 6, 7, 8, 9, 10								
NPUs	A, B, C, D, E, F, G, H, I,	J, K, L, M, N, O							
Length in Feet			Consent Decree		Yes				
Start Date	09/0	01/2004	End Date	1	2/31/2009	City of	Atlanta		
Cost Estimate	\$21,3	300,000	Estimated By				rtment of I Management		
Total Funded		\$0	Total UnFunded	\$2	1,300,000		y Our Future		
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	atory Compliance sk/Security e Generation	by the First Ame	category are justified to al ended Consent Decree (P ent Decree (Paragraph VI	aragraph VIII.C.8) fo					
Phase Land (571001)	Phase Cost	Level Local	Funding Revenue Bond	Year	Phase%	Amount	Acct #/Funder ID		
Easements(572001)	0	Local	Revenue Bond						
Buildings (573001)	0	Local	Revenue Bond						

2007 4,000,000

Revenue Bond

Revenue Bond

2008 4,000,000

2009 4,000,000

2010 4,000,000

2011-16 0

Total 21,300,000

21,300,000

To Date

Facilities (574001)

Source of Funds Revenue Bond

Consultant (524001)

Local

Local

2006 5,300,000

0

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 05.97.001 Lowell Chambers **Project Manager** CSO Interim Relief Projects Project Name Combined Sewer Overflow (CSO) Program The purpose of this project category is to provide capacity relief in portions of the Description combined sewer basins that are capacity limited to prevent sanitary sewer overflows. These are termed Interim because they would be performed prior to the requirement of the First Amended Consent Decree to allow for development in capacity limited portions of the basins to proceed, or to reduce or eliminate sanitary sewer overflows D if such are found to result from lack of design capacity (i.e., not due to operation and maintenance issues). This project category is part of the overall Capacity Relief program that was identified as a component of the refined Authorized CSO Remedial Measures Plan. This project category consists of presently un-identified individual projects which would be developed from hydraulic modeling, sewer spill experience, limited sewer inspection (ahead of scheduled SSES Sewer Group 5 and 6 work), and development needs. These projects could be upsized pipes, parallel relief pipes, or storage Entire Service facilities (tanks or pipes), as determined by cost effective analyses. The overall cost Ares estimate for capacity relief projects required by the First Amended Consent Decree was established based on preliminary designs with an estimate of future flows and hydraulic modeling using a five-year storm. City of Atlanta Sponsor (Lead) 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z NPUs Yes Length in Feet **Consent Decree** 12/31/2011 **Start Date End Date** 09/01/2004 Department of **Cost Estimate Estimated By** \$50,000,000 **Watershed Management Total UnFunded Total Funded** \$50,000,000 \$0 **Employee Health & Safety** Not applicable Not applicable Consent Order/Regulatory Compliance **Customer Service** Not applicable **Service Capacity** Not applicable Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable Projects in this category will be justified to allow development to proceed ahead of the schedule required by the First Amended Consent Decree (Paragraph VIII.C.8) for capacity relief required by the First Amended Consent Decree (Paragraph VIII.C.6).

Phase	Phase Cost	Level	Funding	Yea	r Phase%	6 Amou	nt Acc	t #/Funder ID
Land (571001)	0	Local	Revenue Bo	ond				
Easements(572001)	0	Local	Revenue Bo	ond				
Buildings (573001)	0	Local	Revenue Bo	ond				
Facilities (574001)	50,000,000	Local	Revenue Bo	ond				
Consultant (524001)	0	Local	Revenue Bo	ond				
Source of Funds	To Date	2006	2007	2008	2009 13.750.000	2010 3.987.000	2011-16 1,110,000	Total 50.000,000
Revenue Bond	U	4,652,000	12,751,000	13,750,000	13,750,000	3,967,000	1,110,000	30,000,000

Revenue Bond

	TERSHED MANAGEM						
Project Manager	John Reinhard						
Project Name	Pump Station 2003 Impre	ovements (BR, P	L, PA, RF)				
Program	Sanitary Sewer Overflow	/ (SSO)					
Description	This project includes a varequirements of the Shor	ariety of upgrades					
	pump stations in good or	perating order an					
	requirements. Key items						
	 Replacing the Paul Av Add bypass pumping 	<i>r</i> enue ejector stat , at Bolton Road F	tion with a submersible st PS to increase reliability.	ation. Sandy Creek			
	Sewer cannot handle an 3. Upgrading capacity/st		ı this pumping station. Iip Lee PS to handle 55 M	/IGD and adding			
	bypass pumping capabil		orest PS, upgrading the ir	nfluent sewer line	e		
	between the old and the	new pump statio	on, and extending the force				
	approximately 1,100 fee 5. Upgrading 3000 ft of I	τ. Federal Prison lin	ne so it can handle increa	sed flow from the	e		
	Rebel Forrest Pump Sta 6. Upgrading the Procto		n Structure to include mot	torized gate			
	operators w/ telemetry b		RMC WRC's. d Way, Hanover West an	d Flint River			
	Puming stations.						
	8. Miscellaneous upgrad	ies to ennance sa	afety and operational per	ioimance.			
Sponsor (Lead)	City of Atlanta						180
Council Districts	9					- 30 (10)	2/delings/14
NPUs	C, D, G, H, Y, Z						
Length in Feet			Consent Decree		Yes	- 1	REBEL FORREST PUMPING STATION
Start Date	06	6/01/2005	End Date		07/17/2008	1. 18 分割	MILATAL CA SIZES
Cost Estimate	\$8	3,807,600	Estimated By				
Total Funded		\$475,600	Total UnFunded		\$8,332,000		
Employee Health & S	afety	Fix major electri	cal code violations at Flin	t River will prote	ct maintenance	and operations work	ers at
Consent Order/Regul	latory Compliance	Bypass pumps a	Avenue's confine at Bolton Road and Philiip	Lee significantly	y reduces risk o	of spill if the plant loos	ses 2
_		pumps. Capacity	y increase allows the curr Larger force main, new gr	rent zero capacit	y rating in the S	STPSOP to be increas	sed.
		Federal Prison L	Line will allow future pum				
			tering to Woodward Way		Paul Avenue a	nd Rebel Forrest allo	ws City
Customer Service		to establish app	ropriate flows for STPSO o Rebel Forrest should el	P plan. ∄iminate the upstr	ream spills in re	esidents yards and	
Service Capacity		basements.	city in Rebel Forrest, Pau	l Avenue. Philip	Lee and Bolton	ı Road Pumping Stati	ons. All
Service Reliability/Ri	ick/Sacurity	these stations a	are close, at or under capa ul Avenue, Rebel Forrest,	acity.			
	•	risk of a sewage	e spill. Paul Avenue was t	ouilt in 1958 and	is difficult to ge	et parts and maintain.	9
Cost Savings/Reven	ue Generation	Not applicable Necessary to m	neet the requirements of the	he Short-Term P	ump Station Or	perations Plan.	
Phase	Phase Cos	st Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)		0 Local	Revenue Bond				
		Loodi	Revenue Bond				
S Buildings (573001)	7,737,00		Revenue Bond Revenue Bond				
Facilities (574001) Consultant (524001)	1 070 60						

2007 595,000

2008 0

2006 7,737,000

To Date 475,600

Source of Funds Revenue Bond

2011-16 0

2010 0

2009 0

Total 8,807,600

Print Date: 1/13/2006 2:21:50PM Page 17 of 176

246,000

Revenue Bond

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.16.200 Lowell Chambers **Project Manager** Sewer Group 1 - Rehabilitation **Project Name** Sanitary Sewer Overflow (SSO) Program This project is to rehabilitate the sanitary sewers in Sewer Group 1 which have been Description identified under the Sewer System Evaluation Survey (SSES) as needing rehabilitation. (Due to the time-sensitivity of the information gathered under the SSES Program, it is advisable to perform the needed rehabilitation work identified by the SSES Program within 3 years of collecting the data.) The Sewer Group D Rehabilitation projects will address the vast majority of defects in the smaller diameter sewers (i.e. 18-inches and less). This work will be performed in the Small Diameter Sewer Rehabilitation contract and Sewer Group One Rehabilitation annual contracts. These smaller diameter sewers comprise approximately 85% of the City's collection system. Under this project small diameter sewers will be rehabilitated by cured-in-place pipe lining techniques, pipe bursting, horizontal directional drilling and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to install of house connection clean-outs and to rehabilitate laterals is also included in this Contract although broad implementation of this type of work will require a policy decision by the City. This rehabilitation work will be performed using a series of Sewershed Rehabilitation Contracts (SSR's), i.e. contracts which generally include contiguous groups of 5 to 6 City of Atlanta Sponsor (Lead) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes Length in Feet **Consent Decree** 09/27/2008 Start Date 04/25/2004 **End Date Cost Estimate** Estimated By \$125,182,000 **Total Funded** Total UnFunded \$1,631,000 \$123,551,000 Not applicable **Employee Health & Safety** Not applicable Consent Order/Regulatory Compliance Not applicable **Customer Service** Not applicable **Service Capacity** Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable Other Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, а reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7 and Paragraph VIII.C.8). 0

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	631,000	Local	Revenue Bond					
Easements(572001)	1,000,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	110,789,000	Local	Revenue Bond					
Consultant (524001)	12,762,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	1,631,000	119,564,875	3,986,125	0	0	0	0	125,182,000

0 s

Local

To Date 1,375,000 2006

Revenue Bond

2008

2007

Consultant (524001)

Source of Funds

Revenue Bond

Total 1,375,000

2011-16

2010

2009

0 s

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Project Manager

Lowell Chambers

Project Name

Sewer Group 2 -SSES Contract A Sanitary Sewer Overflow (SSO)

Program Description

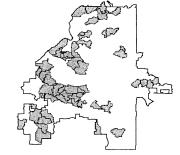
Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 2. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below:

- 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion.
- 2. Inventory all components of the sanitary sewer system and measure the physical dimensions
- 3. Assess the condition of all components of the sanitary sewer system.
- 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. Although this contract provides for the limited performance of minor repairs its primary function is information gathering.

Sewer Group 2 comprises 51 Sewersheds with a total of 335 miles or 1,768,000 feet of sewer collection system.



WBS NUMBER: 04.17.001



Sponsor (Lead)

City of Atlanta

Council Districts

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

NPUs

, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z

Length in Feet

Consent Decree

Yes

\$0

Start Date

End Date

10/01/2003

12/27/2006

Cost Estimate

Estimated By \$5,791,257 **Total Funded Total UnFunded** \$5,791,257

Employee Health & Safety Consent Order/Regulatory Compliance Not applicable

The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus

decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD),

(Paragraph VIII.C.7).

Not applicable

Not applicable **Service Capacity** Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation

Not applicable

Other

Customer Service

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	5,791,257	Local	Revenue Bond					
Source of Funds Revenue Bond	To Date 5,791,257	2006 0	2007 0	2008 0	2009 0	2010 0	2011-16 0	Total 5,791,257

Project Name

Sewer Group 2 - SSES Contract B Sanitary Sewer Overflow (SSO)

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Program

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Description

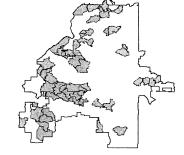
Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 2. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below:

- 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion.
- 2. Inventory all components of the sanitary sewer system and measure the physical dimensions.
- Assess the condition of all components of the sanitary sewer system.
- 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. Although this contract provides for the limited performance of minor repairs its primary function is information gathering.

Sewer Group 2 comprises 51 Sewersheds with a total of 335 miles or 1,768,000 feet of sewer collection system.



WBS NUMBER: 04.17.002



Page 22 of 176

Yes 06/26/2006 \$0

Sponsor (Lead)

Council Districts

NPUs

Length in Feet

Start Date

Cost Estimate

Total Funded

End Date 10/01/2003

Estimated By

Total UnFunded

Consent Decree

Employee Health & Safety

Consent Order/Regulatory Compliance

City of Atlanta

Not applicable

\$11,176,485

\$11,176,485

The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7)

Customer Service Service Capacity Service Reliability/Risk/Security Cost Savings/Revenue Generation Other

Not applicable Not applicable Not applicable Not applicable Not applicable

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0

С

0

S

Phase Cost Level Funding Year Phase% Amount Acct #/Funder ID Phase Land (571001) Local Revenue Bond 0 Easements(572001) 0 Local Revenue Bond O Buildings (573001) Local Revenue Bond 0 Local Facilities (574001) Revenue Bond 11,176,485 Local Consultant (524001) Revenue Bond 2007 2010 2011-16 2006 2008 2009 Total Source of Funds To Date 11,176,485 11,176,485 Revenue Bond 0

Print Date: 1/13/2006 2:21:50PM

WBS NUMBER: 04.17.004 Lowell Chambers **Project Manager** Sewer Group 2 - SSES Contract D **Project Name** Sanitary Sewer Overflow (SSO) Program Description Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 2. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. Although this contract provides for the limited performance of minor repairs its primary function is information gathering. Sewer Group 2 comprises 51 Sewersheds with a total of 335 miles or 1,768,000 feet of sewer collection system. City of Atlanta Sponsor (Lead) **Council Districts** NPUs Yes Length in Feet **Consent Decree** Start Date **End Date** 06/30/2006 10/01/2003 Cost Estimate **Estimated By** \$10,514,003 Total Funded **Total UnFunded** \$0 \$10,514,003 **Employee Health & Safety** Not applicable Consent Order/Regulatory Compliance The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7). Not applicable **Customer Service** Not applicable Service Capacity Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable Not applicable Other **Phase Cost** Level **Funding** Year Phase% Amount Acct #/Funder ID С Land (571001) Local Revenue Bond Easements(572001) 0 Local Revenue Bond Buildings (573001) 0 Local Revenue Bond 0 Facilities (574001) Local Revenue Bond 10.514.003 Consultant (524001) Local Revenue Bond

2007

2008

2009

2010

2011-16

Total

10,514,003

2006

To Date

Source of Funds

Revenue Bond

р 0 n С а 0

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.17.200 Lowell Chambers Project Manager Sewer Group 2 - Rehabilitation **Project Name** Sanitary Sewer Overflow (SSO) Program Description This project is to rehabilitate the sanitary sewers in Sewer Group 2 which have been identified under the Sewer System Evaluation Survey (SSES) as needing rehabilitation. (Due to the time-sensitivity of the information gathered under the SSES Program, it is advisable to perform the needed rehabilitation work identified by the SSES Program within 3 years of collecting the data.) The Sewer Group D Rehabilitation projects will address the vast majority of defects in the smaller diameter sewers (i.e. 18-inches and less). This work will be supplemented with the Small Diameter Sewer Rehabilitation annual contract. These smaller diameter sewers comprise approximately 85% of the City's collection system. Under this project small diameter sewers will be rehabilitated by cured-in-place pipe lining techniques, pipe bursting, horizontal directional drilling and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to install of house connection clean-outs and to rehabilitate laterals is also included in this Contract although broad implementation of this type of work will require a policy decision by the City. This rehabilitation work will be performed using a series of Sewershed Rehabilitation Contracts (SSR's), i.e. contracts which generally include contiguous groups of 5 to 6 City of Atlanta Sponsor (Lead) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** NPUs A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z Yes Length in Feet Consent Decree 10/30/2009 Start Date 01/01/2006 **End Date** Cost Estimate Estimated By \$128,864,000 Total UnFunded Total Funded \$128,864,000 \$0 **Employee Health & Safety** Not applicable Consent Order/Regulatory Compliance Not applicable Not applicable **Customer Service** Not applicable Service Capacity Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7 and Paragraph VIII.C.8). Phase Cost Phase% Phase Level Funding Year Amount Acct #/Funder ID С Land (571001) 566,000 Local Revenue Bond 0 1,696,000 Easements(572001) Local Revenue Bond s Buildings (573001) Local Revenue Bond 113,038,000 Local Facilities (574001) Revenue Bond

Consultant (524001)

Source of Funds

Revenue Bond

13,564,000

To Date

Local

2006

Revenue Bond

2008

2009

2010

2007

67,634,000

Total

128,864,000

2011-16

Buildings (573001)

Facilities (574001)

Source of Funds Revenue Bond

Consultant (524001)

						[//	
Project Manager	Lowell Chambers					Riverside	tall
Project Name	Riverside Outfall Capac	ity Relief				rside	Out
Program	Sanitary Sewer Overfloo	w (SSO)		RIVE	NE TEN DE STORE		
Description	This project involves co Proctor Creek from just Station. The replaceme consists of approximate ductile iron sewer pipe. or the Proposed Chatta	east of James Ja ent sewer for the ely 3,419 linear fe These improven		STATE WAY 20			
Sponsor (Lead)	City of Atlanta						Park (September 1987)
Council Districts	9					1146	
NPUs	D, G, H					т,	
Length in Feet			Consent Decree		Yes		
Start Date	30	8/02/2004	End Date		02/15/2008	Cityo	f Atlanta
Cost Estimate	\$7	7,683,000	Estimated By				rtment of
Total Funded		\$0	Total UnFunded		\$7,683,000		Management
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu	atory Compliance	connection of C Not applicable Not applicable Not applicable Current Generic Allocation in 20 of 2005. This project is r Amended Cons before the Chat Occupancy can	pacity limitation in Sewe Chattahoochee Village be concerned to eliminate a concent Decree (Paragraph tahoochee Village deven be issued. This project onceptual = \$7,683,000)	efore Certificate of Cost Sharing Relie Geotech, and Desi apacity limitation in VIII.C.6). In additional to the should not be pha	occupancy car ef Projects" with ign. Construction Sewer Group 2 on, this project is ect to the sewer	n \$4M/yr starting in 2 on scheduled to beg 2 as required by the is required to be con and the Certificate of	in in end First npleted of
Phase Land (571001) Easements(572001)	Phase Cos 100,00 200,00	00 Local	Funding Revenue Bond Revenue Bond		Phase%	Amount	Acct #/Funder ID

Revenue Bond

Revenue Bond

Revenue Bond

0

2007

2008 0

2009 0

2010 0

2011-16 0

Total 7,683,000

0

5,910,000

1,473,000

To Date

Local

Local

Local

2006 7,683,000

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.18.001 Lowell Chambers **Project Manager** Sewer Group 3 - SSES Contract A **Project Name** Sanitary Sewer Overflow (SSO) Program Sewergroup Three Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description 92 Sewer Group 3. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions 3. Assess the condition of all components of the sanitary sewer system. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) Sewer Group 3 comprises 50 sewersheds with a total of 270 miles or 1,426,000 feet of sewer collection system. City of Atlanta Sponsor (Lead) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs Consent Decree** Yes Length in Feet 01/01/2008 Start Date **End Date** 04/13/2005 Cost Estimate Estimated By \$4,646,250 05/27/2003 Total UnFunded Total Funded \$0 \$4,646,250 **Employee Health & Safety** Not applicable Not applicable Consent Order/Regulatory Compliance **Customer Service** Not applicable Service Capacity The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7). Service Reliability/Risk/Security Not applicable Not applicable Cost Savings/Revenue Generation 0 Other Year Phase% Amount Acct #/Funder ID **Phase Cost** Level Funding Phase С Land (571001) 60,000 Local Revenue Bond 0 139,000 Easements(572001) Local Revenue Bond 0 Buildings (573001) Local Revenue Bond 3,971,250 Local Revenue Bond Facilities (574001) 476,000 Consultant (524001) Local Revenue Bond 2011-16 2007 2010 Total 2006 2008 2009 Source of Funds To Date 4,646,250 4,646,250 Revenue Bond

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #	#/Funder ID
Land (571001)	60,000	Local	Revenue Bond					
Easements(572001)	139,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,971,250	Local	Revenue Bond					
Consultant (524001)	476,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Rond	0	4 646 250	0	0	0	0	0	4.646.250

476,000

To Date

Consultant (524001)

Source of Funds

Revenue Bond

	WBS N	UMBER: 04.1	8.003
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╛	120	Sewergrou	In Three
		sewergrou	ip Tiree
/es 007			05/27/2003
athe acts i oulat vill al by r	y the Rehabilitat red is extremely n-house, but als e the Hansen w Iso provide infor ehabilitation, thu y hydraulic mode	accurate so to ork-order mation on us	
%	Amount	Acct #/	Funder ID
	2010 0	2011-16 0	Total 4,646,250

WBS NUMBER: 04.18.003

2006

4,646,250

Revenue Bond

2007

2008

2009

s

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	60,000	Local	Revenue Bond					
Easements(572001)	139,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,971,250	Local	Revenue Bond					
Consultant (524001)	476,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total 4.646,250
Revenue Bond	U	4,646,250	0	0	· · · · · · · · · · · · · · · · · · ·	U	U	4,040,230

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DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Program

Sanitary Sewer Overflow (SSO)

Description

This project is to rehabilitate the sanitary sewers in Sewer Group 3 which have been identified under the Sewer System Evaluation Survey (SSES) as needing rehabilitation. (Due to the time-sensitivity of the information gathered under the SSES Program, it is advisable to perform the needed rehabilitation work identified by the SSES Program within 3 years of collecting the data.) The Sewer Group Rehabilitation projects will address the vast majority of defects in the smaller diameter sewers (i.e. 18-inches and less). This work will be supplemented with the Small Diameter Sewer Rehabilitation annual contract. These smaller diameter sewers comprise approximately 85% of the City's collection system.

Under this project small diameter sewers will be rehabilitated by cured-in-place pipe lining techniques, pipe bursting, horizontal directional drilling and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to install of house connection clean-outs and to rehabilitate laterals is also included in this Contract although broad implementation of this type of work will require a policy decision by the City.

This rehabilitation work will be performed using a series of Sewershed Rehabilitation Contracts (SSR's), i.e. contracts which generally include contiguous groups of 5 to 6

Sponsor (Lead)

City of Atlanta

Council Districts

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

NPUs

Start Date

A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z

Length in Feet

01/25/2006

Consent Decree End Date

02/07/2011

Cost Estimate Total Funded

\$82,728,000 \$0 Estimated By Total UnFunded

\$82,728,000

Yes



WBS NUMBER: 04.18.200

Sewergroup Thre

Employee Health & Safety Not applicable **Consent Order/Regulatory Compliance** Not applicable **Customer Service** Not applicable Not applicable Service Capacity Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable

> Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7 and Paragraph VIII.C.8).

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Phase	Phase Cost	Level	Funding	Yea	ır Phase%	Amount	Acct	#/Funder ID
Land (571001)	1,090,000	Local	Revenue Bo	ond				
Easements(572001)	2,538,000	Local	Revenue Bo	ond				
Buildings (573001)	0	Local	Revenue Bo	ond				ŀ
Facilities (574001)	72,569,000	Local	Revenue Bo	ond				ļ
Consultant (524001)	6,531,000	Local	Revenue Bo	ond				
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	37,890,000	44,838,000	0	0	82,728,000

ט	EFARTIVIENT OF WA	TERSHED MANAGEMEN					WBS NU		
	Project Manager	Lowell Chambers							
	Project Name	Sewer Group 4 - SSES Cont	ract A				,		**
	Program	Sanitary Sewer Overflow (SS	60)				3		a (
	Description	Under this project a Sewer S					120	Sewergro	ουρ Four
		Sewer Group 4. The work in condition of the sanitary sew			ermining the			_	
ı		Locate all components of	the sanitary sew	er system and expose	them for		1286	- 18 (E	1.28.
		accessibility. This includes ra includes repairing collapsed	-	•				~~~	
		completion. 2. Inventory all components	of the sanitary s	ewer system and mea	sure the physical			() () () () () () () () () ()	IN
		dimensions. 3. Assess the condition of al							8
		Repair minor deficiencies completeness of the survey	which require in	nmediate attention to f	urther the			TO THE REAL PROPERTY OF THE PERTY OF THE PER	9
		leaks where feasible. (Altho	ugh this contrac	t provides for the limite			<u> </u>	K ²	
		minor repairs its primary fun		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
1		Sewer Group 4 comprises 4 collection system.	5 sewersheds w	,000 feet of sewer			~~~~		
							7,7,	٢	
							ē		
	Sponsor (Lead)	City of Atlanta							
	Council Districts	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1							200.
	NPUs	A, B, C, D, E, F, G, H, I, J, F	K, L, M, N, O, P,	R, S, T, V, W, X, Y, Z			,		
	Length in Feet		Co	onsent Decree		Yes			
	Start Date	04/13/2	2005 Er	nd Date		08/07/2009			
	Cost Estimate	\$4,089	,,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	stimated By			\ .		
	Total Funded		\$0	otal UnFunded		\$4,089,750	ž.	200-1	12 · · · · · · · · · · · · · · · · · · ·
j J	Employee Health & Sa Consent Order/Regula	atory Compliance The		identifies the problem					
5		allo	wing the City no	t only to design all its	future Rehabilitatio	n Contracts ii	n-house, but also	o to	
		sys	tem as well as th	ry sewer layer for GIS ne City's Flow Modelin	g program. The pr	ogram will al	so provide inforn	nation on	
		ded	reasing the size	ss Infiltration and Inflo of the Relief sewer th	at might have beer	n indicated by	hydraulic mode	ling as	
С			ng needed. This Iragraph VIII.C.7	s work is required as p).	art of the First Ame	inded Conse	nt Decree (FACE)),	
а :	Customer Service Service Capacity		t applicable t applicable						
	Service Reliability/Ris	k/Security No	t applicable						
0	Cost Savings/Revenu Other	e Generation No	t applicable						
n		-							
С	Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
0	Land (571001) Easements(572001)	52,000 122,000	Local Local	Revenue Bond Revenue Bond					
s t	Buildings (573001) Facilities (574001)	0 3,496,750	Local Local	Revenue Bond Revenue Bond					
	Consultant (524001)	419,000	Local	Revenue Bond					
	Source of Funds Revenue Bond	To Date 0	2006 4,089,750	2007 0	2008 0	2009 0	2010 0	2011-16 0	Total 4,089,750

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DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET Lowell Chambers Project Manager Sewer Group 4 - SSES Contract B **Project Name** Sanitary Sewer Overflow (SSO) Program Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description Sewer Group 4. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for D accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.)

WBS NUMBER: 04.19.002

vergroup Four

Sponsor (Lead) **Council Districts**

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

collection system.

City of Atlanta

NPUs

A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z

Not applicable

Sewer Group 4 comprises 45 sewersheds with 228 miles or 1,204,000 feet of sewer

Length in Feet

Consent Decree End Date 04/13/2005

03/14/2009

Yes

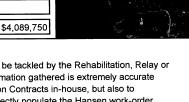
Start Date Cost Estimate **Total Funded**

Employee Health & Safety

Consent Order/Regulatory Compliance

\$4,089,750 \$0

Estimated By Total UnFunded



The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7).

Not applicable Not applicable Not applicable Not applicable

Customer Service Service Capacity Service Reliability/Risk/Security Cost Savings/Revenue Generation Not applicable Other

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	52,000	Local	Revenue Bond					
Easements(572001)	122,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,496,750	Local	Revenue Bond					
Consultant (524001)	419,000	Local	Revenue Bond					
Source of Funds Revenue Bond	To Date	2006 4.089.750	2007 0	2008	2009 0	2010 0	2011-16 0	Total 4,089,750
Revenue bonu	•	1,000,700	-					

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	52,000	Local	Revenue Bond					
Easements(572001)	122,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,496,750	Local	Revenue Bond					
Consultant (524001)	419,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	4,089,750	0	0	0	0	0	4,089,750

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.19.004 Lowell Chambers Project Manager Ρ Sewer Group 4 - SSES Contract D **Project Name** Sanitary Sewer Overflow (SSO) Program Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description ergroup Four Sewer Group 4. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for D accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to е s 2. Inventory all components of the sanitary sewer system and measure the physical С dimensions 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration р leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) 0 Sewer Group 4 comprises 45 sewersheds with 228 miles or 1,204,000 feet of sewer collection system. n City of Atlanta Sponsor (Lead) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes **Consent Decree** Length in Feet 12/16/2008 **End Date** Start Date 04/13/2005 **Cost Estimate** \$4,089,750 Estimated By **Total Funded Total UnFunded** \$4,089,750 \$0 Not applicable **Employee Health & Safety** The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Consent Order/Regulatory Compliance Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7). **Customer Service** Not applicable Not applicable Service Capacity Service Reliability/Risk/Security Not applicable Not applicable Cost Savings/Revenue Generation Other Not applicable Year **Phase Cost** Funding Phase% Amount Acct #/Funder ID Phase Level С Revenue Bond Land (571001) 52.000 Local O Easements(572001) 122,000 Local Revenue Bond Buildings (573001) 0 Local Revenue Bond 3,496,750 Local Facilities (574001) Revenue Bond 419,000 Consultant (524001) Revenue Bond 2010 2011-16 Total 2006 2007 2008 2009 Source of Funds To Date 4,089,750 4,089,750 Revenue Bond 0

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.19.200 Lowell Chambers **Project Manager** Ρ Sewer Group 4 - Rehabilitation **Project Name** 0 Sanitary Sewer Overflow (SSO) Program wergroup Four This project is to rehabilitate the sanitary sewers in Sewer Group 4 which have been Description identified under the Sewer System Evaluation Survey (SSES) as needing С rehabilitation. (Due to the time-sensitivity of the information gathered under the SSES Program, it is advisable to perform the needed rehabilitation work identified by the SSES Program within 3 years of collecting the data.) The Sewer Group D Rehabilitation projects will address the vast majority of defects in the smaller diameter sewers (i.e. 18-inches and less). This work will be supplemented with the е Small Diameter Sewer Rehabilitation annual contract. These smaller diameter s sewers comprise approximately 85% of the City's collection system. С Under this project small diameter sewers will be rehabilitated by cured-in-place pipe lining techniques, pipe bursting, horizontal directional drilling and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to р install of house connection clean-outs and to rehabilitate laterals is also included in this Contract although broad implementation of this type of work will require a policy decision by the City. 0 This rehabilitation work will be performed using a series of Sewershed Rehabilitation n Contracts (SSR's), i.e. contracts which generally include contiguous groups of 5 to 6 sewersheds. Sponsor (Lead) City of Atlanta 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes Length in Feet **Consent Decree Start Date End Date Cost Estimate Estimated By** \$69,768,000 **Total Funded Total UnFunded** PLE-ZSAGBELSGOL DINESSI \$69,768,000 \$0 **Employee Health & Safety** Not applicable Not applicable Consent Order/Regulatory Compliance Not applicable **Customer Service** Not applicable Service Capacity Not applicable Service Reliability/Risk/Security Cost Savings/Revenue Generation Not applicable Other Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) С Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7 and Paragraph VIII.C.8). 0 n

Phase	Phase Cost	Level	Funding	Yea	r Phase%	Amount	Acct	#/Funder ID
Land (571001)	918,000	Local	Revenue Bond					
Easements(572001)	2,142,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	61,200,000	Local	Revenue Bond					
Consultant (524001)	5,508,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	0	69,768,000	0	0	69,768,000

Facilities (574001)

Source of Funds

Revenue Bond

Consultant (524001)

Lowell Chambers **Project Manager** Ρ Sewer Group 5 - SSES Contract A **Project Name** 0 Sanitary Sewer Overflow (SSO) rgrõup Five Program е Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description С Sewer Group 5. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: D 1. Locate all components of the sanitary sewer system and expose them for е accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to s completion. С 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the р completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) 0 Sewer Group 5 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system. Sponsor (Lead) City of Atlanta 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes **Consent Decree** Length in Feet 06/28/2011 **End Date** Start Date 01/01/2007 **Cost Estimate Estimated By** \$5,328,000 **Total Funded Total UnFunded** \$5,328,000 \$0 Not applicable **Employee Health & Safety** Not applicable Consent Order/Regulatory Compliance Not applicable **Customer Service** Not applicable **Service Capacity** Not applicable Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Other Relief Contracts which will follow the SSES work. The information gathered is extremely accurate С allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to а complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as O being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) Year **Phase Cost** Phase% Amount Acct #/Funder ID Phase Level Funding С Land (571001) Revenue Bond 68.000 Local 0 Easements(572001) 158,000 Local Revenue Bond Buildings (573001) n Local Revenue Bond

WBS NUMBER: 04.20.001

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Revenue Bond

Revenue Bond

2007

2008

5.328.000

2010

2009

2011-16

Total

5,328,000

4,556,000

546,000

To Date

Local

Local

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.20.002 Lowell Chambers **Project Manager** Ρ Sewer Group 5 - SSES Contract B **Project Name** 0 Sanitary Sewer Overflow (SSO) rgroup Five Program е Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description С Sewer Group 5. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: D 1. Locate all components of the sanitary sewer system and expose them for е accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to s completion. С 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the р completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) 0 Sewer Group 5 work is in a portion of the combined sewer system and comprises 31 n sewer sheds with 178.5 miles or 942,000 feet of combined sewer system. Sponsor (Lead) City of Atlanta **Council Districts** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 NPUs A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **Consent Decree** Yes Length in Feet **Start Date End Date** 09/05/2009 01/01/2007 **Cost Estimate** Estimated By \$3,600,000 Total Funded **Total UnFunded** \$3,600,000 \$0 Not applicable **Employee Health & Safety** Consent Order/Regulatory Compliance Not applicable **Customer Service** Not applicable Not applicable **Service Capacity** Service Reliability/Risk/Security Not applicable Not applicable Cost Savings/Revenue Generation Not applicable Other С а 0 n Acct #/Funder ID **Phase Cost** Level **Funding** Year Phase% Amount С Land (571001) 46,000 Local Revenue Bond 0 108,000 Easements(572001) Local Revenue Bond

Revenue Bond

Revenue Bond

Revenue Bond

2008

3,600,000

2009

2010

2011-16

Total

3,600,000

2007

Local

Local

Local

2006

3,077,000

To Date

369,000

s

Buildings (573001)

Facilities (574001)

Source of Funds

Revenue Bond

Consultant (524001)

Facilities (574001)

Source of Funds

Revenue Bond

Consultant (524001)

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.20.003 Lowell Chambers **Project Manager** Sewer Group 5 - SSES Contract C **Project Name** ergroup Five Sanitary Sewer Overflow (SSO) Program Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description Sewer Group 5. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) Sewer Group 5 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system. City of Atlanta Sponsor (Lead) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes **Consent Decree** Length in Feet 09/05/2009 **End Date** Start Date 01/01/2007 **Cost Estimate Estimated By** \$3,600,000 **Total Funded Total UnFunded** \$0 \$3,600,000 Not applicable **Employee Health & Safety** Not applicable Consent Order/Regulatory Compliance Not applicable **Customer Service** Not applicable **Service Capacity** Service Reliability/Risk/Security Not applicable Cost Savings/Revenue Generation Not applicable Other Not applicable 0 Phase Cost Year Phase% Amount Acct #/Funder ID Phase Level Funding Land (571001) 46,000 Revenue Bond Local Easements(572001) 108,000 Local Revenue Bond Buildings (573001) ٥ Local Revenue Bond

Revenue Bond

Revenue Bond 2007

2008

3,600,000

2010

2009

2011-16

Total

3,600,000

3,077,000

369,000

To Date

Local

Local

0 s

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET WBS NUMBER: 04.20.004 Lowell Chambers **Project Manager** Sewer Group 5 - SSES Contract D **Project Name** Sanitary Sewer Overflow (SSO) group Five Program Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description Sewer Group 5. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: D 1. Locate all components of the sanitary sewer system and expose them for е accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) Sewer Group 5 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system. Sponsor (Lead) City of Atlanta **Council Districts** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **NPUs** , B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **Consent Decree** Yes Length in Feet 10/08/2009 **Start Date End Date** 01/01/2007 **Cost Estimate** \$3,600,000 **Estimated By Total Funded Total UnFunded** \$3,600,000 \$0 Not applicable **Employee Health & Safety** Not applicable **Consent Order/Regulatory Compliance** Not applicable **Customer Service** Service Capacity Not applicable Not applicable Service Reliability/Risk/Security Cost Savings/Revenue Generation Not applicable Not applicable Other

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	46,000	Local	Revenue Bor	nd				
Easements(572001)	108,000	Local	Revenue Bor	nd				
Buildings (573001)	0	Local	Revenue Bor	nd				
Facilities (574001)	3,077,000	Local	Revenue Bor	nd				
Consultant (524001)	369,000	Local	Revenue Bor	nd				
Source of Funds	To Date	2006 0	2007 0	2008 3.600.000	2009	2010	2011-16	Total 3,600,000
Revenue Bond	U	U		3,000,000	<u> </u>			3,000,000

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Lowell Chambers

Project Manager	Lowell Chambers					· `	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Project Name	Sewer Group 5 - Rehabi		í	(= 19)				
Program	Sanitary Sewer Overflow	\ \	Sewergroup Five					
Description	identified under the Sewerehabilitation. (Due to the SSES Program, it is advitthe SSES Program within Rehabilitation projects widiameter sewers (i.e. 18-Small Diameter Sewer R sewers comprise approx Under this project small dining techniques, pipe be excavation. Manholes wiinstall of house connection this Contract although bridecision by the City.	tate the sanitary sewers in Sewer Group 5 which have been er System Evaluation Survey (SSES) as needing the time-sensitivity of the information gathered under the isable to perform the needed rehabilitation work identified by in 3 years of collecting the data.) The Sewer Group will address the vast majority of defects in the smaller dehabilitation annual contract. These smaller diameter diameter diameter sewers will be rehabilitated by cured-in-place pipe diameter sewers will be rehabilitated by cured-in-place pipe diameter sewers will be rehabilitated by cured-in-place pipe diameter sewers diameter diameter diameter sewers will be rehabilitated by cured-in-place pipe diameter sewers will be rehabilitated under this contract. The ability to ion clean-outs and to rehabilitate laterals is also included in road implementation of this type of work will require a policy will be performed using a series of Sewershed Rehabilitation contracts which generally include contiguous groups of 5 to 6				120		
	Contracts (SSR's), i.e. of sewersheds.	ontracts which ge	nerally include contiguo	us groups of 5 to 6	6			
Sponsor (Lead)	City of Atlanta							
Council Districts	1, 2, 3, 4, 5, 6, 7, 8, 9, 1							
NPUs	A, B, C, D, E, F, G, H, I,	J, K, L, M, N, O, F	P, R, S, T, V, W, X, Y, Z					
Length in Feet			Consent Decree		Yes			
Start Date			End Date					
Cost Estimate	\$55,	011,000	Estimated By				The second secon	
Total Funded		\$0	Total UnFunded		\$55,944,000		24	
Employee Health & Consent Order/Regu Customer Service Service Capacity Service Reliability/R Cost Savings/Rever Other	llatory Compliance	infiltration (I/I) into Reducing I/I decr reduces capacity plants, and avoid accommodate I/I.	anticipated to extend the or the system. (I/I is extreases the quantity of floproblems, reduces the sunnecessarily increasing. This work is required a c.7 and Pargraph VIII.C.	aneous flow into to w in the system. quantity of flow wh ing the size of pipo as part of the First	he system thro This reduces t nich must be tr elines and trea	ough cracks, hole the potential for o reated at the trea atment plants to	es, etc.) overflows, atment	
Phase Land (571001) Easements(572001) Buildings (573001) Facilities (574001) Consultant (524001) Source of Funds	Phase Cos: 245,000 736,000 (49,074,000 5,889,000	Local Local Local Local Local Local Local	Funding Revenue Bond Revenue Bond Revenue Bond Revenue Bond Revenue Bond Revenue Bond	Year 2008	Phase%	Amount		otal
Revenue Bond	To Date		0 0	0		5,944,000	0 55,944,	

WBS NUMBER: 04.20.200

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Project Name

Sewer Group 6 - SSES Contract A Sanitary Sewer Overflow (SSO)

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

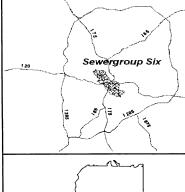
Program

Description

Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 6. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below:

- 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion.
- 2. Inventory all components of the sanitary sewer system and measure the physical dimensions.
- 3. Assess the condition of all components of the sanitary sewer system.
- 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.)

Sewer Group 6 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system.



WBS NUMBER: 04.21.001



Sponsor (Lead)

Council Districts

City of Atlanta

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

NPUs

Start Date

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 $B,\,C,\,D,\,E,\,F,\,G,\,H,\,I,\,J,\,K,\,L,\,M,\,N,\,O,\,P,\,R,\,S,\,T,\,V,\,W,\,X,\,Y,\,Z$

Length in Feet

01/01/2007

End Date

09/06/2011

Cost Estimate Total Funded

\$4,884,000

Estimated By Total UnFunded

Consent Decree

\$4,884,000

Yes



Employee Health & Safety

Consent Order/Regulatory Compliance

\$0 Not applicable

The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD),

Customer Service Service Capacity

Service Reliability/Risk/Security Cost Savings/Revenue Generation

Other

(Paragraph VIII.C.7). Not applicable Not applicable Not applicable Not applicable

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	63,000	Local	Revenue Bond					
Easements(572001)	146,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	4,138,000	Local	Revenue Bond					
Consultant (524001)	537,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	0	4,884,000	0	0	4,884,000

DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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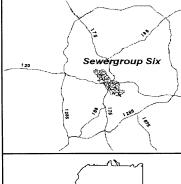
Sanitary Sewer Overflow (SSO)

Description

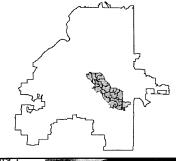
Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 6. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below:

- 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion.
- 2. Inventory all components of the sanitary sewer system and measure the physical dimensions
- 3. Assess the condition of all components of the sanitary sewer system.
- 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.)

Sewer Group 6 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system.



WBS NUMBER: 04.21.002



Sponsor (Lead)

City of Atlanta

Council Districts

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

NPUs

B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z

Length in Feet

Consent Decree

End Date

Yes

Start Date

01/01/2007

03/25/2011

Cost Estimate Total Funded

\$3,300,000 \$0

Estimated By Total UnFunded

\$3,300,000

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Employee Health & Safety

Not applicable Consent Order/Regulatory Compliance

The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD),

Customer Service Service Capacity

Not applicable Not applicable Not applicable Not applicable

(Paragraph VIII.C.7).

Service Reliability/Risk/Security Cost Savings/Revenue Generation Other Not applicable

Amount Acct #/Funder ID Phase Phase Cost Level **Funding** Year Phase% Land (571001) 42,000 Local Revenue Bond 99.000 Easements(572001) Local Revenue Bond 0 Buildings (573001) Local Revenue Bond 2,820,000 Facilities (574001) Local Revenue Bond 339.000 Local Consultant (524001) Revenue Bond Source of Funds 2006 2007 2008 2009 2010 Total To Date 3,300,000 Revenue Bond

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DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

Project Manager

Lowell Chambers

Project Name

Sewer Group 6 - SSES Contract C

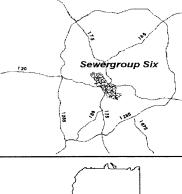
Sanitary Sewer Overflow (SSO)

Description

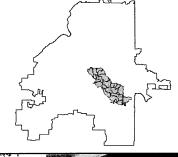
Under this project a Sewer System Evaluation Survey (SSES) will be performed in Sewer Group 6. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below:

- 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to
- 2. Inventory all components of the sanitary sewer system and measure the physical dimensions.
- Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of

Sewer Group 6 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system.



WBS NUMBER: 04.21.003



Sponsor (Lead)

Council Districts

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

City of Atlanta

A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z

Length in Feet

Consent Decree

minor repairs its primary function is information gathering.)

01/01/2007

Estimated By \$3,300,000 **Total UnFunded** \$0

End Date

03/25/2011

Employee Health & Safety

Not applicable

Consent Order/Regulatory Compliance

The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7).

Yes

\$3,300,000

Customer Service Service Capacity Service Reliability/Risk/Security Cost Savings/Revenue Generation

Not applicable Not applicable Not applicable Not applicable Other Not applicable

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct	#/Funder ID
Land (571001)	42,000	Local	Revenue Bond					
Easements(572001)	99,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	2,820,000	Local	Revenue Bond					
Consultant (524001)	339,000	Local	Revenue Bond					
Source of Funds Revenue Bond	To Date	2006 0	2007 0	2008 0	2009 3,300,000	2010 0	2011-16 0	Total 3,300,000

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Easements(572001)

Buildings (573001)

Facilities (574001)

Source of Funds

Revenue Bond

Consultant (524001)

WBS NUMBER: 04.21.004 DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET Lowell Chambers **Project Manager** Sewer Group 6 - SSES Contract D **Project Name** Sanitary Sewer Overflow (SSO) Program Sewergroup Six Under this project a Sewer System Evaluation Survey (SSES) will be performed in Description Sewer Group 6. The work includes physically inventorying and determining the condition of the sanitary sewer system as described below: 1. Locate all components of the sanitary sewer system and expose them for accessibility. This includes raising buried and paved over manholes. This also includes repairing collapsed sewer pipes to allow inspection to continue to completion. 2. Inventory all components of the sanitary sewer system and measure the physical dimensions. 3. Assess the condition of all components of the sanitary sewer system. 4. Repair minor deficiencies which require immediate attention to further the completeness of the survey as well as to eliminate significant infiltration/ex-filtration leaks where feasible. (Although this contract provides for the limited performance of minor repairs its primary function is information gathering.) Sewer Group 6 work is in a portion of the combined sewer system and comprises 31 sewer sheds with 178.5 miles or 942,000 feet of combined sewer system. Sponsor (Lead) City of Atlanta 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 **Council Districts** , B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z **NPUs** Yes Length in Feet **Consent Decree** 10/22/2010 **End Date** Start Date 01/01/2007 Cost Estimate Estimated By \$3,300,000 Total UnFunded **Total Funded** \$3,300,000 \$0 **Employee Health & Safety** Not applicable The SSES Program identifies the problems in the system to be tackled by the Rehabilitation, Relay or Consent Order/Regulatory Compliance Relief Contracts which will follow the SSES work. The information gathered is extremely accurate allowing the City not only to design all its future Rehabilitation Contracts in-house, but also to complete the sanitary sewer layer for GIS mapping and correctly populate the Hansen work-order system as well as the City's Flow Modeling program. The program will also provide information on the amount of excess Infiltration and Inflow (I/I) that can be removed by rehabilitation, thus decreasing the size of the Relief sewer that might have been indicated by hydraulic modeling as being needed. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7). **Customer Service** Not applicable Not applicable Service Capacity Service Reliability/Risk/Security Not applicable Not applicable Cost Savings/Revenue Generation Not applicable Other Year Phase% **Amount** Acct #/Funder ID **Phase Cost** Level **Funding** Phase 42,000 Revenue Bond Land (571001) Local

Revenue Bond

Revenue Bond

Revenue Bond

Revenue Bond

2008

2009

3,300,000

2010

2011-16

Total

3,300,000

2007

99.000

2,820,000

339,000

To Date

0

Local

Local

Local

Local

Project Manager	Lowell Chambers					
Project Name	Sewer Group 6 - Rehabilitation		, 12°			
Program	Sanitary Sewer Overflow (SSO)		Sewergroup Six			
Description	This project is to rehabilitate the sanitary sewers in Se identified under the Sewer System Evaluation Survey rehabilitation. (Due to the time-sensitivity of the inform SSES Program, it is advisable to perform the needed if the SSES Program within 3 years of collecting the data Rehabilitation projects will address the vast majority of diameter sewers (i.e. 18-inches and less). This work were sever to the same transfer of the	(SSES) as needing nation gathered under the rehabilitation work identified by a.) The Sewer Group f defects in the smaller	Sewe group Six			
	lining techniques, pipe bursting, horizontal directional excavation. Manholes will also be rehabilitated under install of house connection clean-outs and to rehabilitate	mall diameter sewers will be rehabilitated by cured-in-place pipe pe bursting, horizontal directional drilling and conventional es will also be rehabilitated under this contract. The ability to nection clean-outs and to rehabilitate laterals is also included in gh broad implementation of this type of work will require a policy				
	•					
Sponsor (Lead)	City of Atlanta					
Council Districts	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	3, 4, 5, 6, 7, 8, 9, 10, 11, 12				
NPUs	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V	, W, X, Y, Z				
Length in Feet	Consent De	ecree Yes	Tritust Hydraulic RodiOhan Plate Jacks Bursting Puler			
Start Date	End Date		Head Existing Piceline			
Cost Estimate	\$51,408,000 Estimated B	Зу	Launch Reception			
Total Funded	\$0 Total UnFu	nded \$51,408,000	ChamberiPit New Pice String Pipe Fragments Rods or ChamberiPit forced into Ground Chain			
Employee Health & S Consent Order/Regul Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	tory Compliance Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Repeation Not applicable Rehabilitation is anticipated to infiltration (I/I) into the system Reducing I/I decreases the queduces capacity problems, ruplants, and avoids unnecessar	o extend the life of these assets by 50 years i. (I/I is extraneous flow into the system through the system. This reduces the quantity of flow which must be trafily increasing the size of pipelines and treats required as part of the First Amended Corgraph VIII.C.8).	ough cracks, holes, etc.) the potential for overflows, reated at the treatment atment plants to			
Phase Land (571001) Easements(572001)	676.000	ng Year Phase% nue Bond nue Bond	Amount Acct #/Funder ID			

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Buildings (573001)

Facilities (574001)

Source of Funds

Revenue Bond

Consultant (524001)

45,096,000

5,411,000

To Date

0

Local

Local

Local

2006

Revenue Bond

Revenue Bond

Revenue Bond

2007

2008

0

2009

Total

51,408,000

2011-16 51,408,000

2010

WBS NUMBER: 04.21.200

Project Manager	Lancelot Clark			> "
Project Name	Sewer Group (1R) - Camp Cree	ek Basin		RD SV
Program	Sanitary Sewer Overflow (SSO)		AIRBURN RD SW
Description	with the completion of the rehal Rehabilitation or other City reha Based upon the modeling infor conceptual estimate for the Cal 14,030 LF of 10" to 66" Sewer line, 4,120 LF of 15" sewer line	ith the completion of the rehabilitation work performed under the Sewer Group ehabilitation or other City rehabilitation projects. assed upon the modeling information completed to date, the conceptual design and conceptual estimate for the Camp Creek Basin capacity relief project includes total 4,030 LF of 10" to 66" Sewer trunk and outfall replacement –580 LF of 10" sewer ne, 4,120 LF of 15" sewer line, 1,690 LF of 18" sewer line, 2,040 LF of 21" sewer ne, 4,100 LF of 24" sewer line, 730 LF of 30" sewer line, and 800 LF of 66" sewer ne – and 55 new manholes		
2	City of Atlanta			
Sponsor (Lead) Council Districts	City of Atlanta			
NPUs				
		Consent Decree	Yes	
Length in Feet	0440000		03/30/2009	City of Atlanta
Start Date	01/13/200	의 : : : : : : : : : : : : : : : : : :	03/30/2009	Department of
Cost Estimate Total Funded	\$3,330,00	Total UnEunded	40.000.000	Watershed Management
Total Funded		50 Total olir dided	\$3,330,000	Protecting Our Future
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	atory Compliance This prelief elimin (FACI Not approximately Not approximately Not approximately Recurrity Not approximately Not approximately Recurrity Not approximately Not approximately Not approximately Recurrity Not appro	oplicable project is required to provide sewer can not be obtained through rehab- ate sanitary sewer overflows and i D), (Paragraph VIII.C.6, Paragraph oplicable oplicable oplicable consent Order or Regulatory comp	illitation. This project will provide is required as part of the First An n VIII.C.7 and Paragraph VIII.C.8	e additional capacity, will nended Consent Decree

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #	#/Funder ID
Land (571001)	83,500	Local	Revenue Bond					
Easements(572001)	83,500	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	2,330,000	Local	Revenue Bond					
Consultant (524001)	833,000	Local	Revenue Bond					
Source of Funds	To Date	2006 567.000	2007 2,763,000	2008	2009 0	2010 0	2011-16 0	Total 3.330.000
Revenue Bond	0	337,000	2,700,000	3				-,-00,000

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947,000

12.309.100

1,737,900

2,272,000

Revenue Bond

17,266,000

,	Project Manager	Lancelot Clark							
	Project Name	Sewer Group (3R) - Prod	tor Creek Diversion	Structure					
•	Program	Sanitary Sewer Overflow	(SSO)						
ŀ		Flow diversion structure	to relieve capacity re	elief issues in the Prod	ctor Creek Sanitary				
		Sewer Basin.							
į									
	Sponsor (Lead)	City of Atlanta							girensiye
	Council Districts	U 1970 V V					Shew (张 传载:
	NPUs						100		
	Length in Feet		Cı	onsent Decree		Yes			
	Start Date	10:	/01/2003 Er	nd Date	0	9/22/2007	City	of Atl	anta
	Cost Estimate	\$1	,666,000 Es	stimated By			De	partment	of
	Total Funded	\$1	,666,000	otal UnFunded		\$0		ed Manag	
	Employee Health & Sa	ıfety	Not applicable				<u> </u>		
	Consent Order/Regula	itory Compliance		red to provide sewer of tained through rehabil					
			•	ewer overflows and is n VIII.C.6, Paragraph \	•			Decree	
	Customer Service Service Capacity		Not applicable Not applicable						
	Service Reliability/Ris		Not applicable						
	Cost Savings/Revenue Other	e Generation	Not applicable Not applicable						
١									
	Phase	Phase Cost	t Level	Funding	Year	Phase%	Amount	Acct #/Fı	ınder ID
	Land (571001) Easements(572001)	(() Local	Revenue Bond			, 34116	7.000 #/1	
3	Buildings (573001)	C) Local	Revenue Bond Revenue Bond					
	Facilities (574001) Consultant (524001)	1,666,000 (Revenue Bond Revenue Bond					
	Source of Funds Revenue Bond	To Date 1,666,000	2006 0	2007 0	2008 0	2009 0	2010 0	2011-16 0	Total 1,666,000

Revenue Bond

7.991.000

3,329,000

48.274.500

6,991,500

66,586,000

Revenue Bond

D	EPARTMENT OF WA	TERSHED MANAGEME	NT PROJECT F	ACT SHEET			WBS	NUMBER: 04	.23.250
P	Project Manager	Lancelot Clark	,						
r	Project Name	Sewer Group (4R) - Sugar	<u> </u>						
0	Program	Sanitary Sewer Overflow (SSO)							
e c t	Description	These Sewer Relief projects will provide sewer capacity relief in those portions of the sewer basins that are determined to be capacity limited and which are not resolved in conjunction with the completion of the rehabilitation work performed under the Sewer Group Rehabilitation or other City rehabilitation projects.							
D e s c r i p t i o n		Based upon the modeling of estimate for the Sugar Cre 108" to 60" Sewer trunk and 12" sewer line, 3,570 LF of 21" sewer line, 6,920 LF 36" sewer line, 10,150 LF of 60" sewer line—306 new submersible pump station.	ek Basin capacity d outfall replacem of 15" sewer line, of 24" sewer line, of 42" sewer line,	relief project includes nent – 180 LF of 10" se , 10,510 LF of 18" sew , 14,480 LF of 30" sew 2,360 LF of 48" sewer	total 68,610 Lewer line, 8,95 er line, 5,160 er line, 530 Ler line, and 5,84	_F of 50 LF LF F of			
	Sponsor (Lead)	City of Atlanta					10 to 12 (12) 2 th		
	Council Districts							A.	alegae de A
	NPUs							m :	
	Length in Feet		Co	onsent Decree		Ye			
	Start Date	07/01	/2004 Er	nd Date		06/04/201	2.5		lanta
	Cost Estimate	\$36,84	0,000	stimated By				Departmer shed Man	
	Total Funded		\$0 To	otal UnFunded		\$36,848,00		ecting Our	
Justification	Employee Health & S. Consent Order/Regul Customer Service Service Capacity Service Reliability/Ri: Cost Savings/Revenu Other	atory Compliance TI re el (F N N sk/Security N ue Generation N	lief can not be obtiminate sanitary si ACD), (Paragraph ot applicable ot applicable ot applicable ot applicable ot applicable ot applicable	red to provide sewer of tained through rehabili ewer overflows and is n VIII.C.6, Paragraph \	tation. This prequired as p	roject will provi art of the First , aragraph VIII.C	ide additional ca	apacity, will ent Decree	
C o s t	Phase Land (571001) Easements(572001) Buildings (573001) Facilities (574001)	Phase Cost 921,000 921,000 0 25,793,000 9,213,000	Level Local Local Local Local Local	Funding Revenue Bond Revenue Bond Revenue Bond Revenue Bond	Year	Phase%	Amou	nt Acct	#/Funder ID
	Consultant (524001) Source of Funds	To Date	2006	2007	2008	2009 16,950,200	2010 12,896,500	2011-16 2,579,300	Total 36,848,000
	Revenue Bond	0	0	4,422,000	0	10,530,200	12,000,000	2,378,300	50,040,000

Buildings (573001)

Facilities (574001)

Source of Funds Revenue Bond

Consultant (524001)

		1
Project Manager	Lancelot Clark	River Intake Nancy-Creek
Project Name	Sewer Group (5R) - Nancy Creek Basin	Raw Water PS
Program	Sanitary Sewer Overflow (SSO)	West Area @ CSO TR Nancy Creek
Description	These Sewer Relief projects will provide sewer capacity relief in those portions of the sewer basins that are determined to be capacity limited and which are not resolved in conjunction with the completion of the rehabilitation work performed under the Sewer Group Rehabilitation or other City rehabilitation projects. Based upon the current modeling completed to date and the current conceptual designs & cost estimate for the Nancy Creek Basin capacity relief project includes total 20,330 LF of 10" to 24" Sewer trunk and outfall replacement – 5,560 LF of 10" sewer line, 2,280 LF of 12" sewer line, 4,670 LF of 15" sewer line, 1,910 LF of 18" sewer line, and 5940 LF of 24" sewer line – and 148 new manholes	RM Clayton WRC Turinel PS Sollon Rd NW Chattanooches Plant Mariella Sho
Sponsor (Lead)	City of Atlanta	
Council Districts		
NPUs		
Length in Feet	Consent Decree	Yes N. J.
Start Date	04/01/2005 End Date 11/3	0/2011 City of Atlanta
Cost Estimate	\$5,496,000 Estimated By	Department of
Total Funded	Total UnFounded	Watershed Management 96,000 Protecting Our Future
Employee Health & Sa Consent Order/Regula Customer Service Service Capacity Service Reliability/Ris Cost Savings/Revenu Other	This project is required to provide sewer capacity relief in portion relief can not be obtained through rehabilitation. This project will eliminate sanitary sewer overflows and is required as part of the (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph Not applicable Not applicable Not applicable Not applicable	l provide additional capacity, will First Amended Consent Decree
Phase Land (571001)	Phase Cost Level Funding Year Ph 137,500 Local Revenue Bond	nase% Amount Acct #/Funder ID

Revenue Bond

Revenue Bond

Revenue Bond

Revenue Bond

2007

2009 4,836,000

2008 660,000 **2010** 0

2011-16

Total 5,496,000

Local

Local

Local

Local

2006

137,500

3,847,000

1,374,000

To Date